

Received " 97 AN ATX PRODUCT ASSURANCE PLAN "

TELEFLEX

N-TRUCK ATX MEETING MINUTES
MAY 12, 1994

ATTENDEES: JOE BUCCELLATO WAYNE BATES
 MATT KLAS MIKE REASONER
 KLAS

PLATES & GASKETS

- PARTS NOT IN ON MAY 2 DUE TO FASTENER PROBLEMS. STUD LENGTH TO BE 25mm WITH NO LOG PT. FOR F1 PARTS STUDS MUST HAVE DOG PT. END AND BE 35mm LONG.

- SAMPLES OF FOAM RUBBER GASKET MATERIAL SHOWN TO CHRYSLER FROM UNIQUE FAB. EPDM FOAM 3mm THICK TO BE USED.

~~EXPLORE POSSIBLE USE OF RUBBER-DIPPED BACKER PLATE~~ Delete per Joe B.

- TOOLS TO BE RELEASED JULY 1 FOR 8 WEEK TOOL LEAD TIME FOR SEPT. 1 F1 PART REQUIREMENT DATE. TFX wants to move release date to 6-15-94

NEW DIRECTION - Foam gasket with modified plate modified to utilize existing 25 grommet. (plan 48-710)
TERMINALS Matt will supply material spec. for foam gasket currently used on clutch master cylinder
Distrubuted copy of grommet print 48C 7103. Concern is bowing of plate after torque (35 ft. lb)
- REMOVAL TEST DONE, MATRIX REPORT TO BE WRITTEN
- CHRYSLER NEEDS COST & TIMING FOR MATRIX OF PARTS. MATRIX TO BE DONE 5/26

ADJUSTER

- CHRYSLER TO PROVIDE ORIENTATION DATA TO TELEFLEX ON SLIDE & SNAP.

PRINTS

- ASSEMBLY DRAWINGS BEING WORKED ON AND COMPLETED. TO BE SUPPLIED ~~5/26/94~~. ALL PRINTS F1 LEVEL TO BE AVAILABLE ~~5/26/94~~,
TFX owes new completion date. DO DWO!

GROMMET

- ? STOCK GROMMET WITH CONVOLUTE AVAILABLE. IF AVAILABLE, PROVIDE SAMPLES.

PLASTIC MATERIAL

- 80G33 AGREED MATERIAL TO MOLD CABLE PARTS FROM.

T 08897
CONFIDENTIAL

EX 49

BEST AVAILABLE COPY

N-TRUCK ATX MEETING MINUTES
MAY 12, 1994 - PAGE TWO

OPEN ISSUES FROM CHRYSLER

- CAN TELEFLEX RUN A LASH TEST? SIMULATE ROUTING AND CHECK FOR 1.5mm LASH. CHRYSLER TO PROVIDE ROUTING. USE A CURRENT B-VAN CABLE FOR WITH N-TRUCK ROUTING. ~~TARGET TEST WEEK OF 6/6.~~
- CHRYSLER NEEDS COSTS OF F1 PROTOTYPE INQUIRIES, MULES, PRODUCTION TOOLING AND PIECE PRICE TOTALS. ~~NEED PRODUCTION COSTS ASAP, F1 BEFORE JULY 1, 1994.~~ *due by end of July.*
- TELEFLEX TO START FMEA. (WE WILL USE CARRY-OVER PER MIKE REASONER). 80% COMPLETE NOW. TELEFLEX TO SUPPLY FMEA TO JOE BUCCELLATO. ADDITIONS TO BE WRITTEN UP FOR 5/26/94 MEETING.
- FOAM (EPDM) HOSE RETENTION. ? CAN WE USE ONE LONG PIECE INSTEAD OF FASTENING/LOCATING ON CONDUIT. COSTS?

NEXT MEETING MAY 25, 1994 - 9:00 A.M.

TFX OWES:

1. Prototype cost & timing by end of June
2. Production cost & timing by end of July
3. Pre-F1 quote letter by 5-27-94.

T 08898
CONFIDENTIAL

BEST AVAILABLE COPY

97 AN ATX PRODUCT ASSURANCE PLAN

SYSTEM TYPE: CABLE SHIFT - CENTER ADJUST

	TASKS	RESP.	DATE	COMMENTS
1	System Design Complete	Chrysler/Supplier	4/1/94	
2	Cable Design Complete	Supplier	4/1/94	
3	Pre-F1 Procurement	Chrysler	4/18/94	Parts ordered
4	Initial Design Mock-up Report	Supplier	5/13/94	
5	F1 Procurement Cable	Chrysler	7/1/94	
6	F1 Parts Due - Cable	Supplier	9/1/94	Joe will supply quantities
7	F1 Procurement-Brkt. and Lever	Chrysler	7/1/94	
8	F1 Parts Due - Brkt. and Lever	Supplier	9/1/94	
9	Cable Design FMEA Start	Supplier	5/1/94	80% Complete
10	System Design FMEA Start	Chrysler	5/1/94	
11	DVP&R Start (DATE Joe will begin testing, etc.)	Chrysler	6/1/94	Joe will be done w/ F1 level parts
12	Electronic Engine Buck Reviews	Chrysler	2/94-4/94	
13	System Review and Concurrence with WTAP Personnel		2/94-4/94	
14	DFMA Start	Chrysler		
15	Begin Discussions with Process Engineering	Chrysler	4/7/94	Process complete for F1
16	Cable Bracket at Trans FEA Start	Chrysler	6/1/94	
17	Identify Cable Bracket and Lever Supplier & Begin Design Reviews.	Chrysler	5/15/94	
18	System Packaging Verifications - Exhaust System - Starter Motor - Trans Cooler Lines - Brake Line System - Pass Comp. Electric Harnesses	Chrysler	On-Going	
19	Solidify Cable Tie Down Design at Inner Wheel Well	Chrysler	6/1/94	
20	Support Design Aid Bucks	Chrysler	7/15/94	
21	Cable Temp Testing - Hot Box	Supplier	3-1-94	RESULTS REC'D 3-23-94
22	Cable Temp Testing - Engine Dyno	Chrysler	1-25-94	
23	Cable Temp Testing - Hot Room	Chrysler		
24	Cable Temp Testing - CPG Wind Tunnel	Chrysler	5/9/94	Results due by 6/5/94.
25	Cable Temp Testing - Hot Trip 94 CY - "200-000"	Chrysler	7/15/94	
26	Pull Out of Park Testing	Chrysler	10/1/94	Joe will compare max. WVD of H-TW to 3-V data.
27	Trans Detent To Col Gate Alignment Verification - Buck Builds - EVO F1 Builds - Cycle Lab Fixtures	Chrysler	9/9/94 10/1/94 10/1/94	
28	Neutral Start Verification	Chrysler		
29	PRNDL Alignment Verification	Chrysler		
30	Water Test at Adjustment	Supplier		DV test
31	Production DWG Release	Chrysler	8/25/94 4/3/95	
32	PO Pilots	Chrysler	11/13/95	
33	CI Pilots	Chrysler	2/12/96	
34	PVP Pilots	Chrysler	6/3/96	
35	VI Launch	Chrysler	7/15/96	

T 08899
CONFIDENTIAL

BET 25 + 26 -> CABLE TEMP TESTING - HOT TRIP 94 CY - "200-000" / CHRYSLER

REST AVAILABLE